

10/500075

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ART 34 AMENDMENT

Amendment Under PCT Article 34

CLAIMS

1. (Amended) An electrophoresis method characterized by using water as a
5 solution for preparing a sample, and subjecting a protein to electrophoresis for size separation without a heat-denaturing treatment.

2. The electrophoresis method according to claim 1, characterized in that a protein dissolved in water is subjected to electrophoresis.

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3. The electrophoresis method according to claim 1 or 2, characterized in that two or more molecular weight markers are subjected to electrophoresis together with a protein, wherein at least one of the markers is adjusted to a low concentration as compared to a standard concentration.

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4. The electrophoresis method according to any one of claims 1 to 3, characterized in that two or more molecular weight markers are subjected to electrophoresis together with a protein, wherein one of the markers is adjusted to a concentration of 1/10 to 10 times the concentration of a protein to be tested.

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5. The electrophoresis method according to any one of claims 1 to 4, wherein a type of electrophoresis is selected from the group consisting of capillary electrophoresis method, microchip electrophoresis method and nano-channel electrophoresis method.

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AMENDED SHEETS